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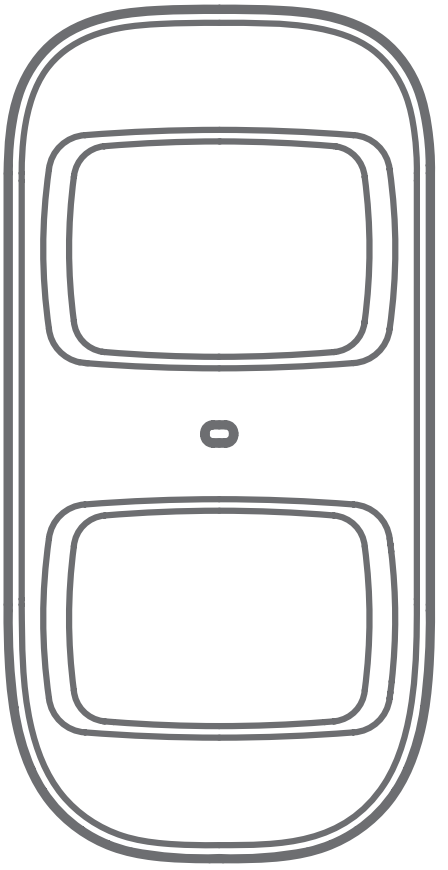


ASA-40

Pet-Immune Wireless Motion Detector

ENG

Box Content

1 x PIR Pet-Immune Motion Detector
1 x Bracket
1 x User Manual

The ASA-40 is a high performance wireless pet-immune PIR motion detector. This motion detector will not trigger the alarm when your pets (under 25kg) move inside your home, even if your alarm system is armed.

Before Using for the First Time

Open the case and remove the battery activation strip to activate the batteries. *Self-testing starts for 30 seconds.*

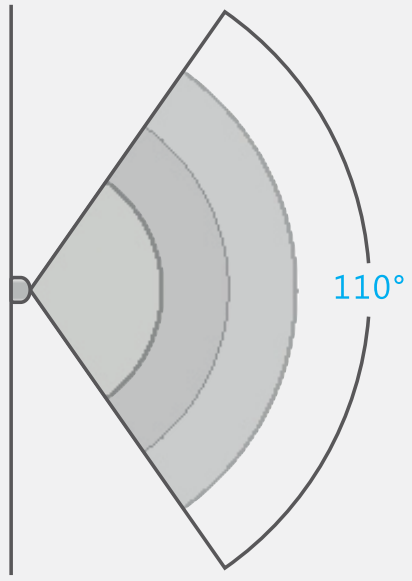
Installation

Fix the bracket on the wall with screws and attach the detector to the bracket. Adjust the bracket to change the detection distance and angle. It is recommended to mount the detector 2m from the ground.

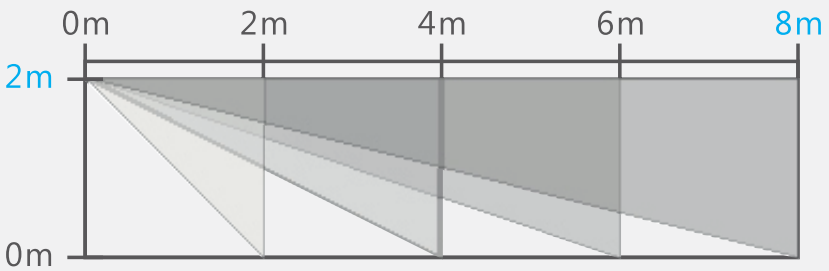
Avoid mounting the detector close to windows, air conditioner, heater, refrigerator, oven, sunshine and places where the temperature changes fast or where the air stream flows frequently.

If two detectors are installed in the same detection scope, adjust the location to avoid interferences and false alarms.

The detector is more sensitive to cross movements than vertical movements.



Top view



Side view

Detection scope

Mode Setting

Testing mode

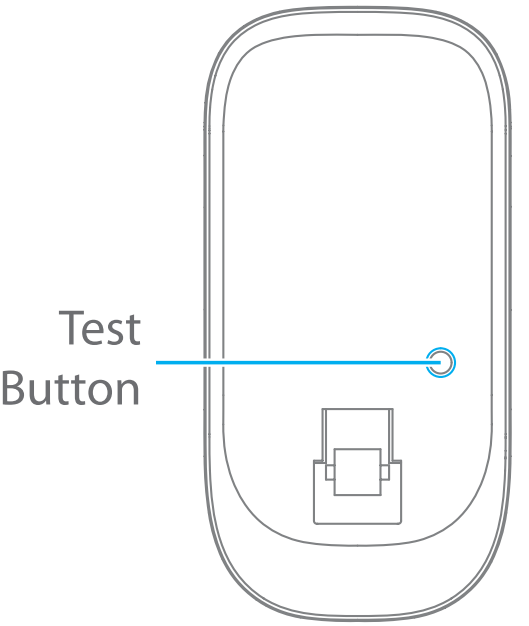
Once the self-testing is complete, long press the test button. The sensor switches to testing mode, and scans once every 10 seconds. After 3 minutes, the LED blinks twice, and the sensor switches to working mode.

Working mode / Stand-by mode

In working mode, if the sensor is triggered more than twice within 3 minutes, it will switch to standby mode to save power. If no movement is detected within the next 3 minutes, the sensor goes back to working mode.

Register the detector in the alarm system

Switch to Connection Mode on the control panel. Press the test button of the sensor twice. The control panel beeps once: the motion detector is registered. If you hear two beeps, the detector has already been connected.



To check if the registration is complete, arm the system and trigger the sensor again. If the siren rings out, the registration is successful.

Specifications

Power Supply:
DC 3V (AA 1.5V LR6 x2)

Static current:
≤90uA

Transmitting current:
≤9.5mA

Transmission distance:
≤ 80 m (in open area)

Radio-frequency:
433MHz (±75KHz)

Housing material:
ABS plastic

Operating conditions:
Temperature: -10°C ~ +55°C
Relative Humidity: ≤80% (non-condensing)

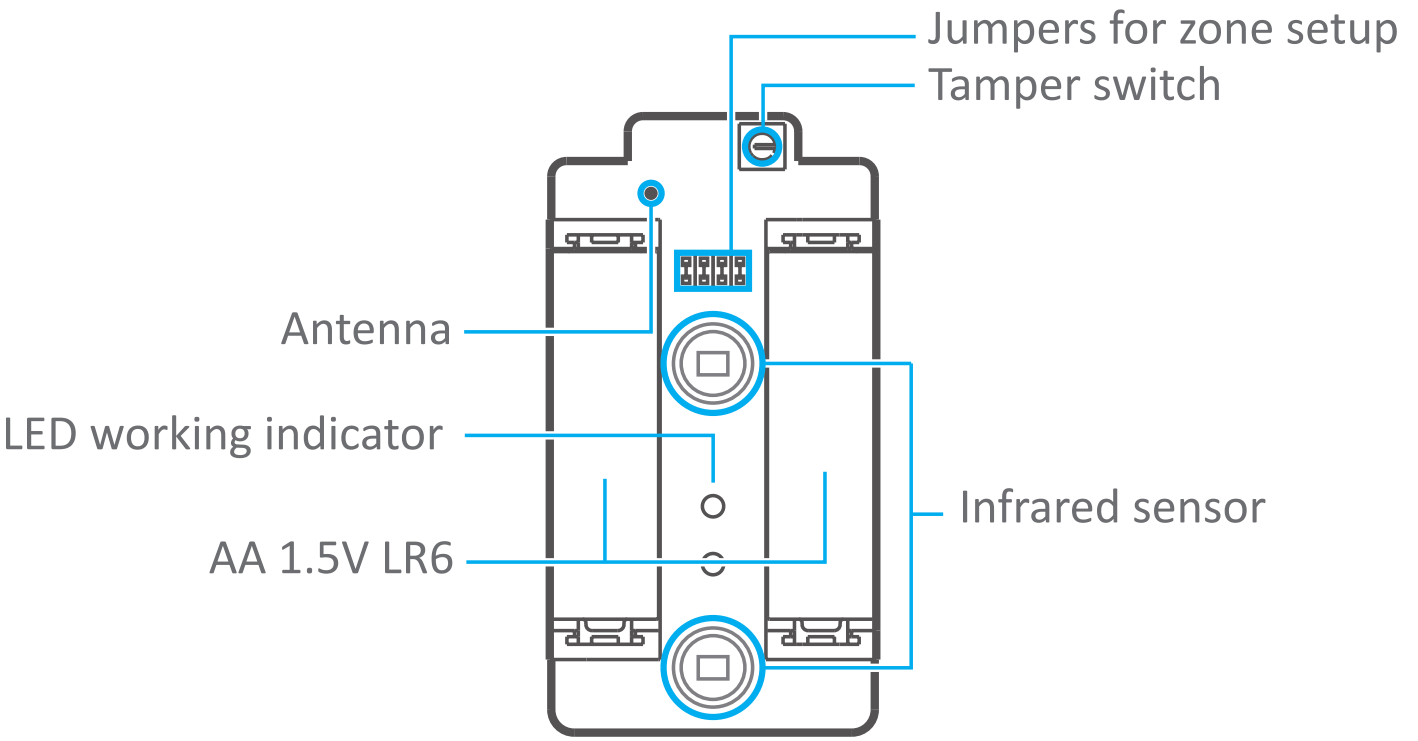
Detector dimensions:
105 x 52 x 35 mm

Bracket dimensions:
52 x 30 x 26.5 mm

LED indications

Blinks continuously: Self-testing
Blinks once: An intruder is detected
Blinks twice: Self-testing is complete; entering working mode
Blinks three times every 3 seconds: Under-voltage indication: the batteries must be replaced (the user will be informed by SMS when the batteries are low if the detector is registered in the control panel).

PCB Layout



Infrared sensor: Detects the infrared rays released by human body motion. Do not touch the surface. Keep the surface clean.

Tamper switch: When the alarm system is armed, the tamper switch will trigger the alarm if the case is opened.

Jumpers for Zone setup: The jumpers enable you to assign the detector to a specific zone. Refer to the user manual of your alarm system for more information on zone set up.

Standards

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CE

Electric and electronic equipment and included batteries contains materials, components and substances that can be hazardous to your health and the environment, if the waste material (discarded electric and electronic equipment and batteries) is not handled correctly.

Electric and electronic equipment and batteries is marked with the crossed out trash can symbol, seen below. This symbol signifies that electric and electronic equipment and batteries should not be disposed of with other household waste, but should be disposed of separately.

As the end user it is important that you submit your used batteries to the appropriate and designated facility. In this manner you make sure that the batteries are recycled in accordance with legislature and will not harm the environment.

All cities have established collection points, where electric and electronic equipment and batteries can either be submitted free of charge at recycling stations and other collection sites, or be collected from the households. Additional information is available at the technical department of your city.

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